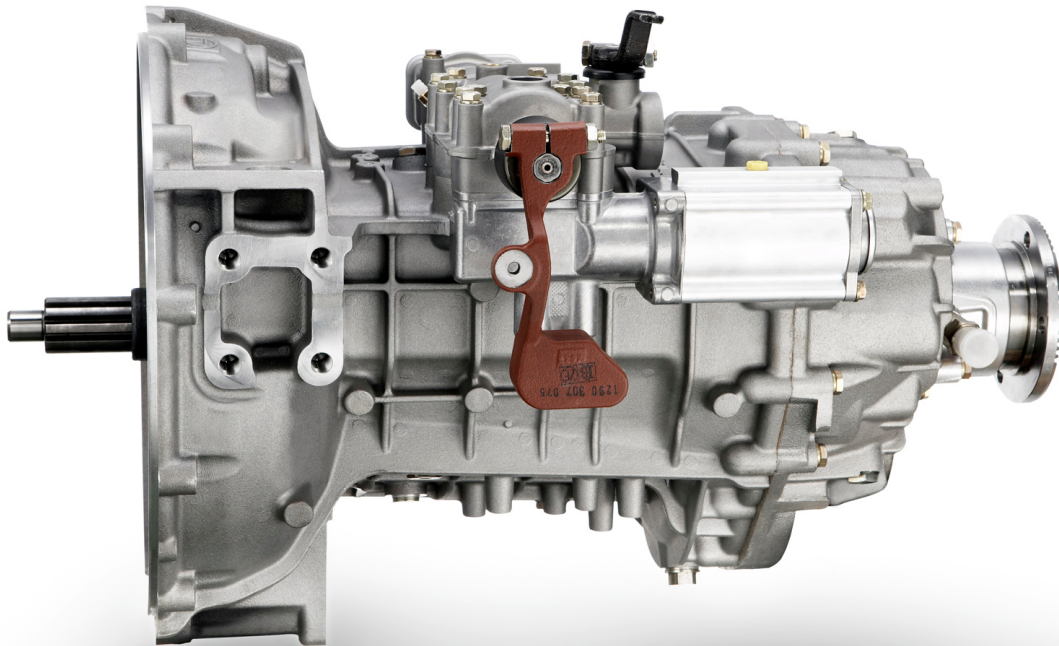


FACT SHEET

TRANSMISSION

ZTO1006 Manual 6-speed gearbox, 1050 Nm



ZTO1006 is a 6-speed all-synchromesh manual gearbox dimensioned for 1050 Nm of torque and gross combination weights of up to 32.5 tonnes.

The gearbox is servo-assisted and easy to operate, with a short gear lever. The lever is vibration-free and has short and very crisp gear selection movements. The ratio gap between the topmost gears is small, which contributes to low fuel consumption.

The gearbox is lightweight, with the clutch housing and gearbox housing made of aluminium. The most frequently used ratios have helical cut gears, a design that promotes a quiet operation and a long service life.



UPTIME

- Sturdily dimensioned construction with a quiet operation and long service life.



PRODUCTIVITY

- Compact and lightweight with clutch housing and gearbox housing made of aluminium, providing high vehicle productivity.



DRIVER APPEAL

- Comfortable servo-assisted operation with short throw and crisp gear lever movement.

FACT SHEET

TRANSMISSION

ZTO1006 Manual 6-speed gearbox, 1050 Nm

Sturdily dimensioned construction with a quiet operation and a long service life

All the gears in the gearbox are made of special steel that has been case-hardened. All the gears apart from reverse and first are helical. As a result, more teeth are in mesh with each other at any one time, resulting in dependable drive and quiet operation. Reverse and first gears, which are subjected to the greatest forces, are straight-cut, which permits a large ratio span and results in long service life.

The Gearbox has a service interval of 300 000 km or every second year.

Compact and lightweight design

The transmission consists of a gearbox housing and a clutch housing made of aluminium, weighing just 140 kg. The compact gearbox housing is cast in two parts, which makes work easier when carrying out major repairs.

The gearbox's construction and its low total weight help give the truck high productivity and low repair costs.

Comfortable servo-assisted operation

The ZTO1006 features cable operation, making for short, distinct gear lever movements. The gear lever is entirely vibration free, which contributes to comfortable operation and a low noise level inside the cab. The gearbox also has a patented synchromesh system that uses a mechanical servo function to provide extra power at the instant of synchromesh engagement. This design contributes to low gear changing forces and increased driver comfort.

Prepared for fitting of power take-offs

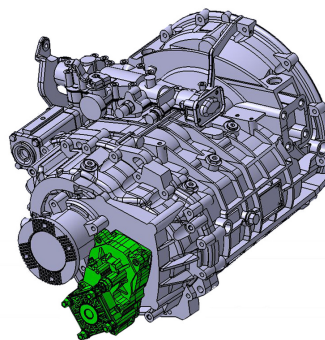
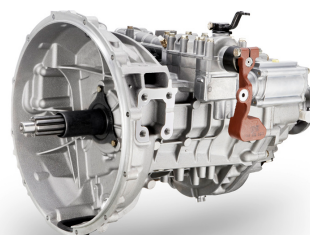
The gearbox is prepared for fitting of a range of different rear-mounted power take-offs with pump and/or flange connection.

SPECIFICATION

Type designation.....	ZTO1006
Type.....	Synchromesh gearbox
Max input torque.....	1050 Nm
Max combination weight.....	32.5 tonnes
Weight without oil.....	140 kg

Ratios

1st.....	6.75:1
2nd.....	3.60:1
3rd.....	2.12:1
4th.....	1.39:1
5th.....	1.00:1
6th.....	0.78:1
Reverse.....	6.06:1



ZTO1006 with PTR-PH4.